

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representation of  
The original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

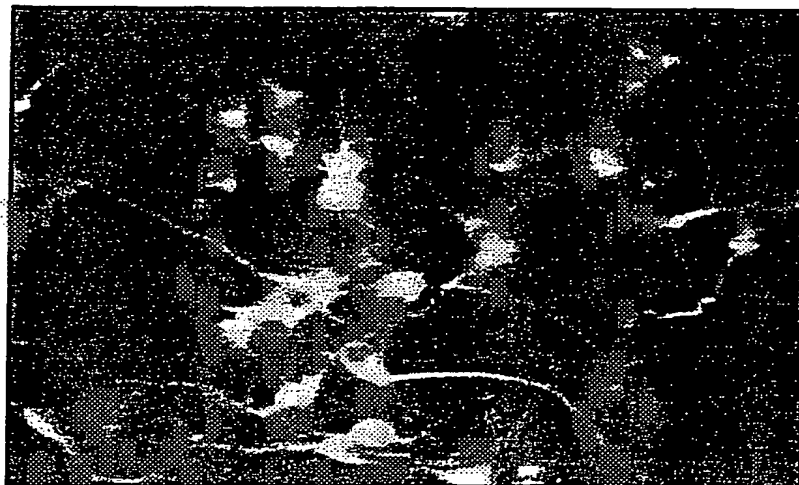
- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

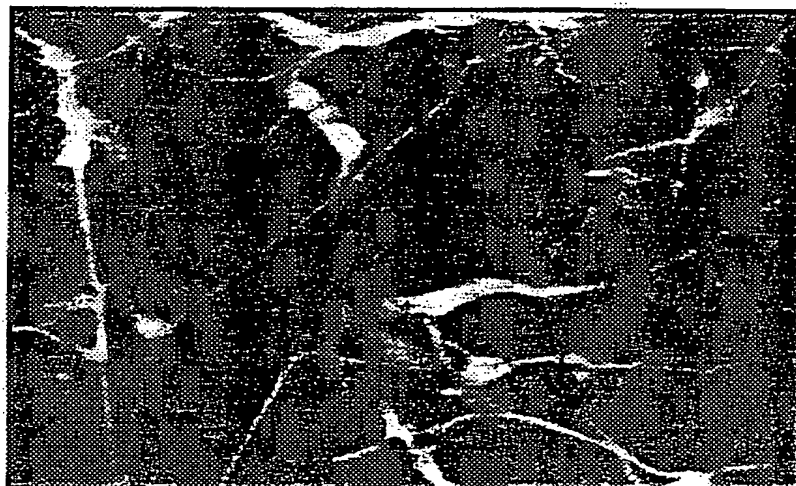
**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

1/14

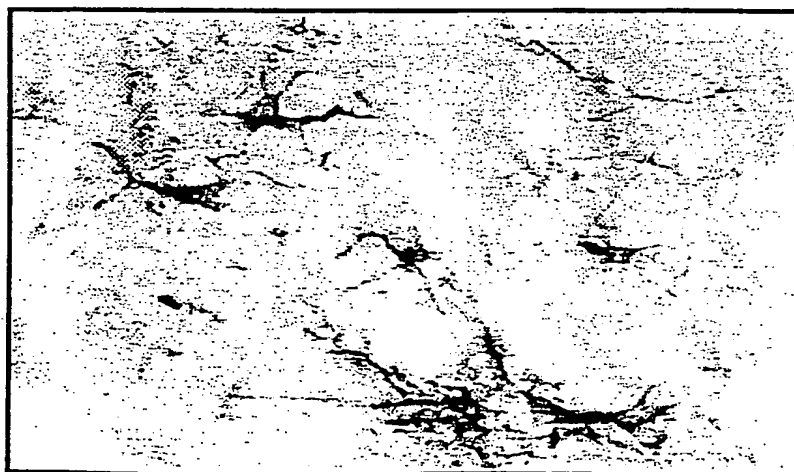
**FIG. 1(a)**



**FIG. 1(b)**



**FIG. 1(c)**

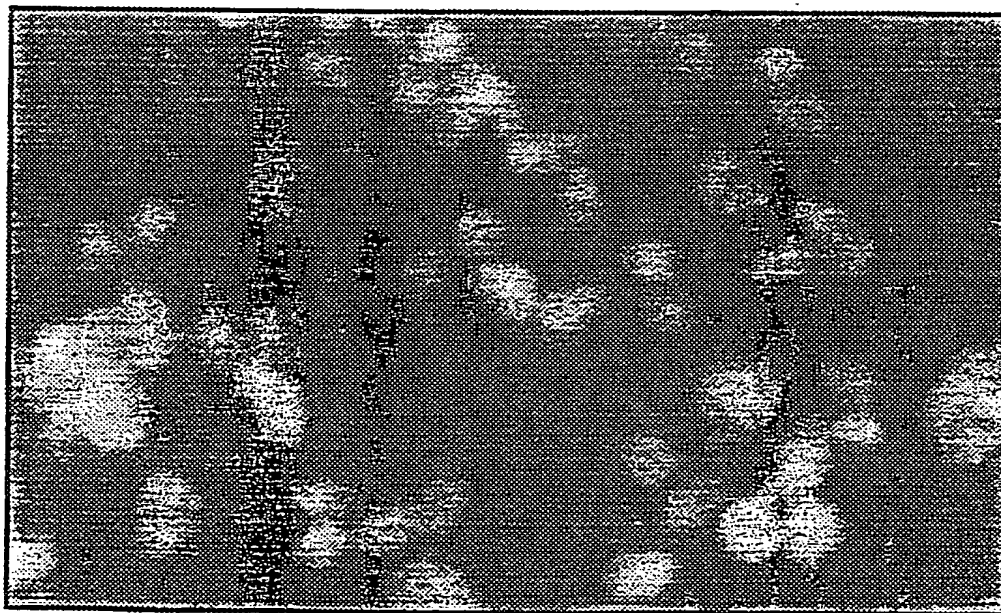


2/14

FIG. 2(a)



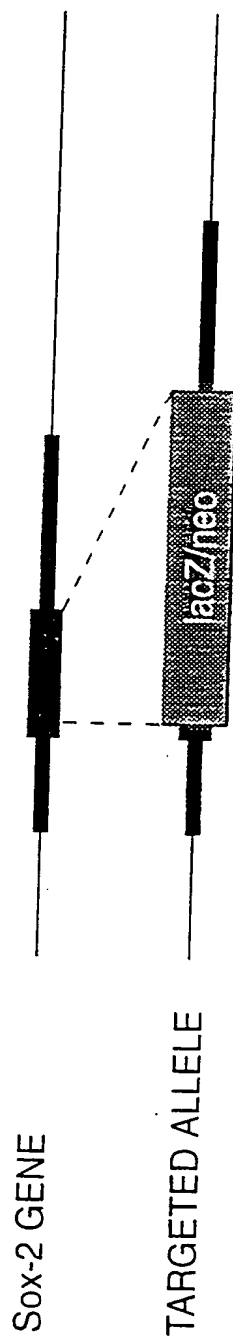
FIG. 2(b)



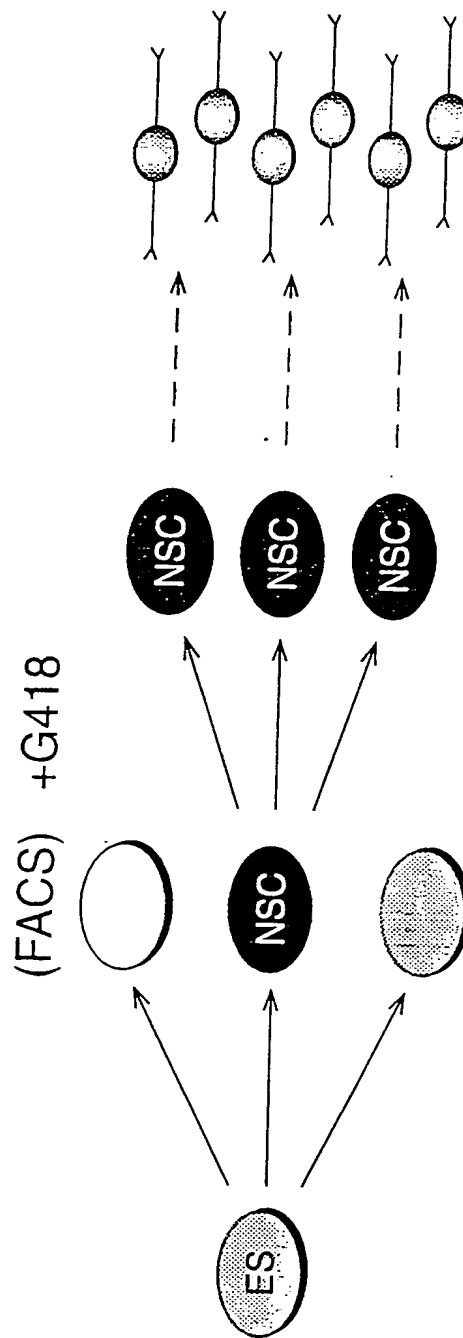
3/14

# **FIG. 3** NEURAL STEM CELL (NSC) SELECTION STRATEGY

## **I. TARGETING MARKER INTO NEURAL PRECURSOR-SPECIFIC GENE IN ES CELLS**

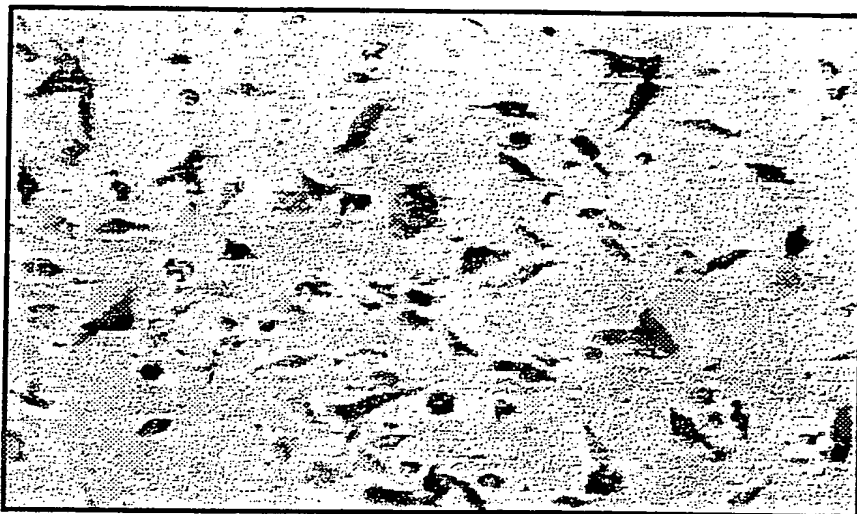


## **II. ELIMINATION OF NON-NEURAL CELLS FROM DIFFERENTIATING ES CELL CULTURES**



4/14

**FIG. 4(a)**



**FIG. 4(b)**

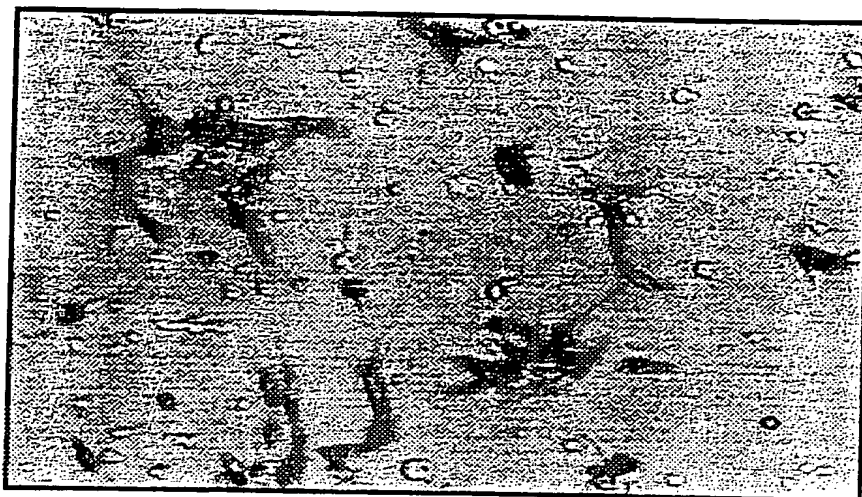


**FIG. 4(c)**

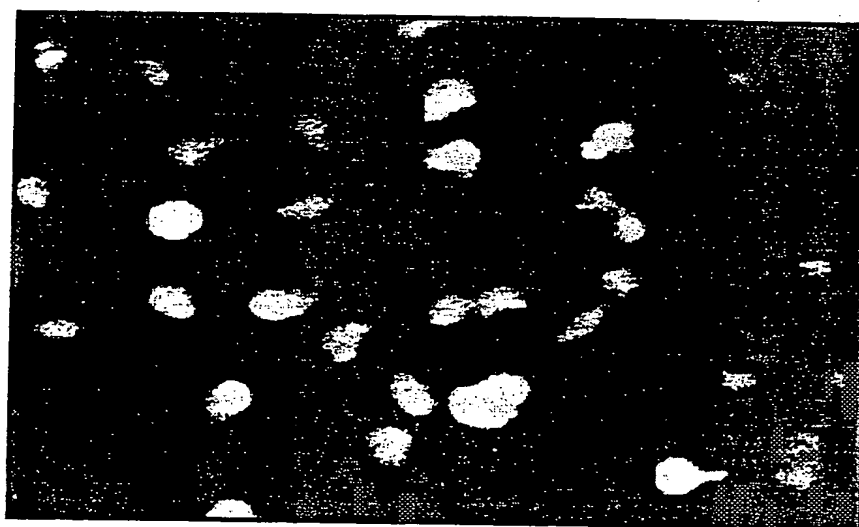


5/14

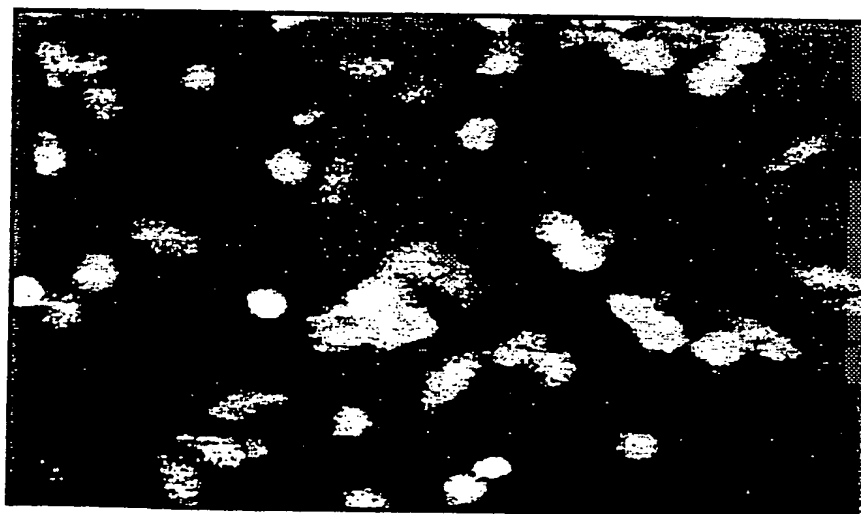
**FIG. 4(d)**



**FIG. 4(e)**

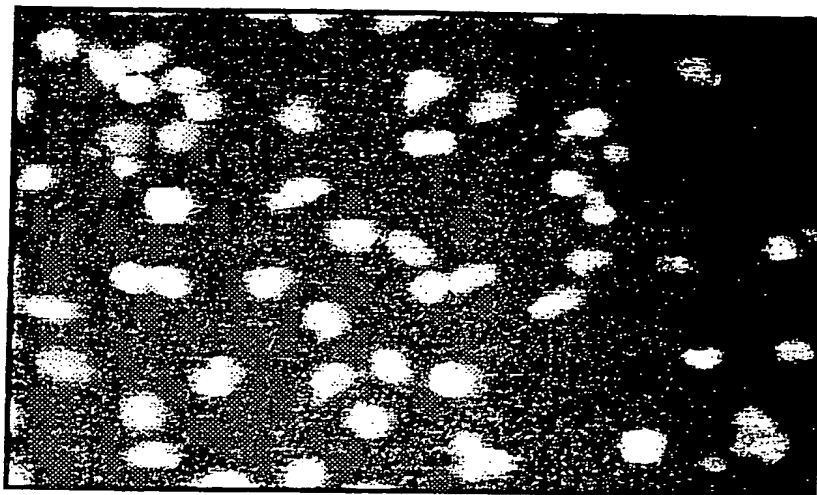


**FIG. 4(f)**

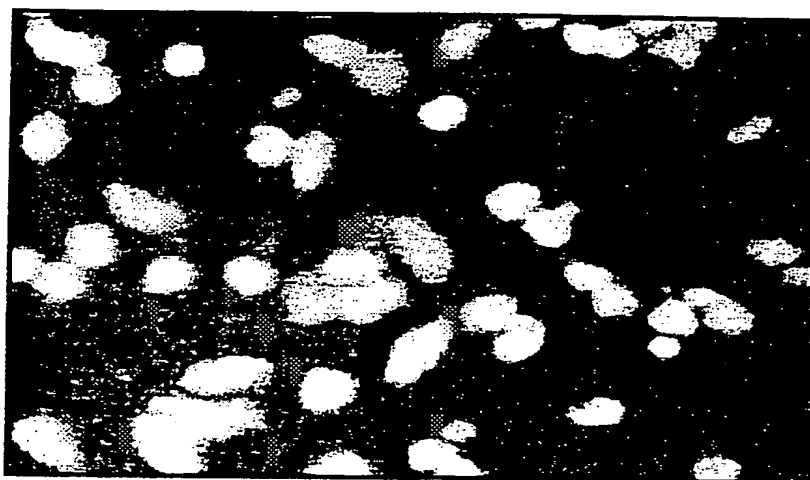


6/14

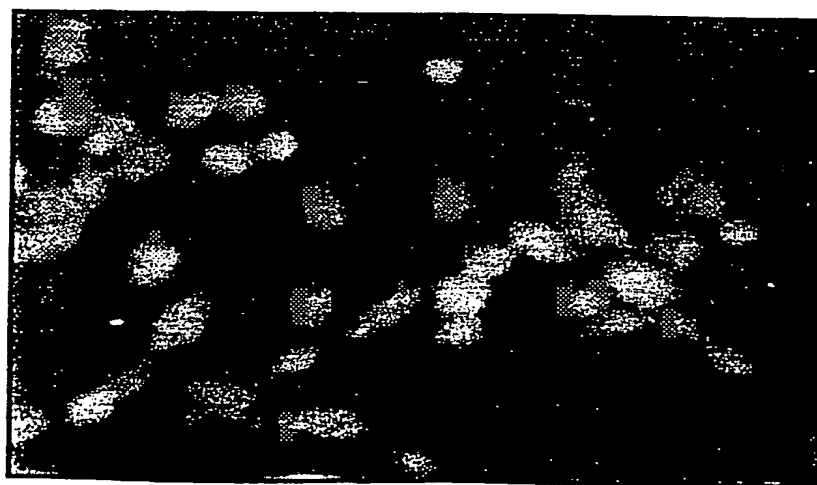
**FIG. 4(g)**



**FIG. 4(h)**



**FIG. 4(i)**

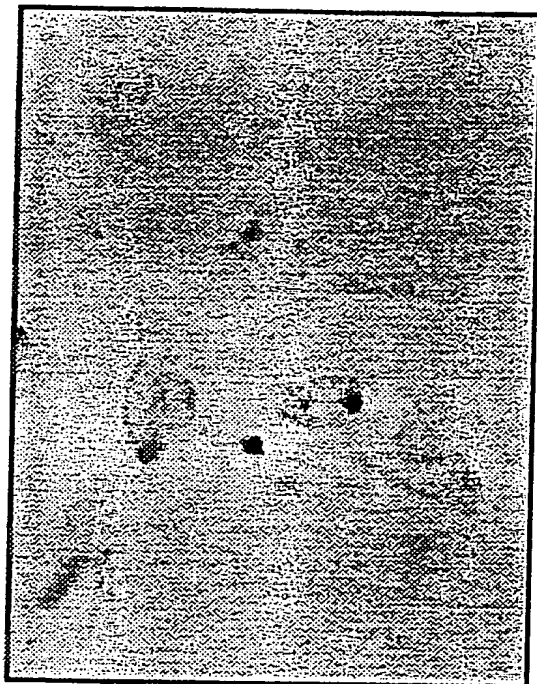


A grainy, black and white photograph of a textured surface, possibly a wall or ceiling. The surface is covered with numerous small, dark, irregular spots and larger, faint stains, suggesting mold or water damage. The overall appearance is mottled and aged.

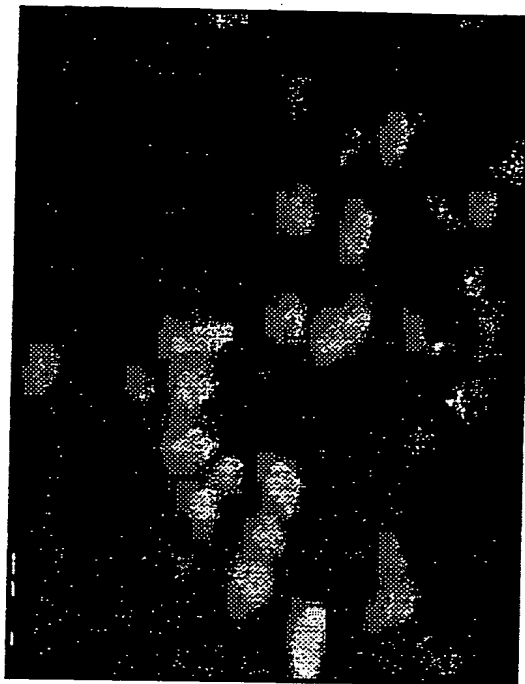


8/14

**FIG. 5(d)**



**FIG. 5(e)**

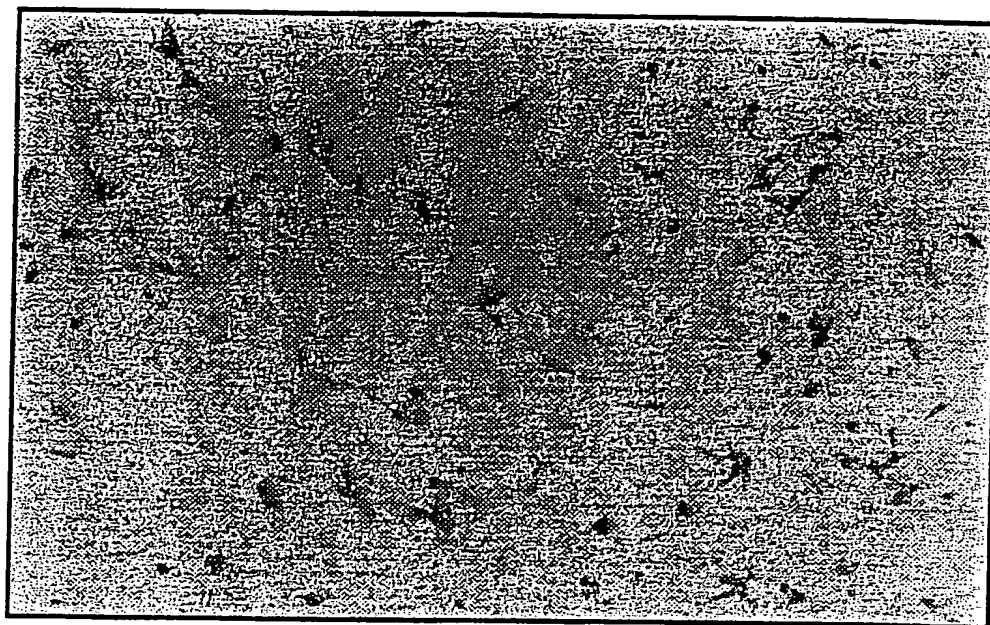


**FIG. 5(f)**

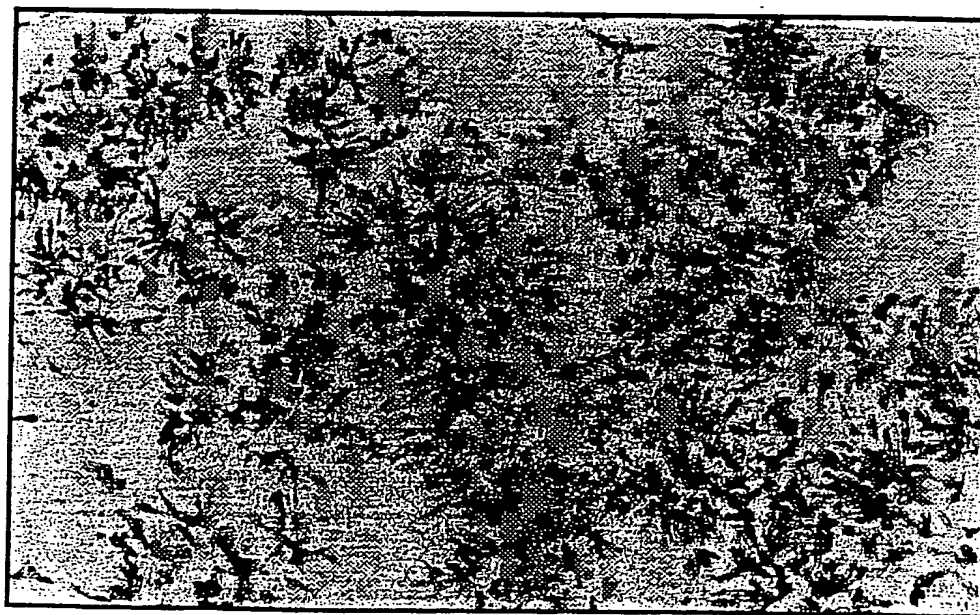


9/14

**FIG. 6(a)**



**FIG. 6(b)**



10/14

FIG. 7(a)

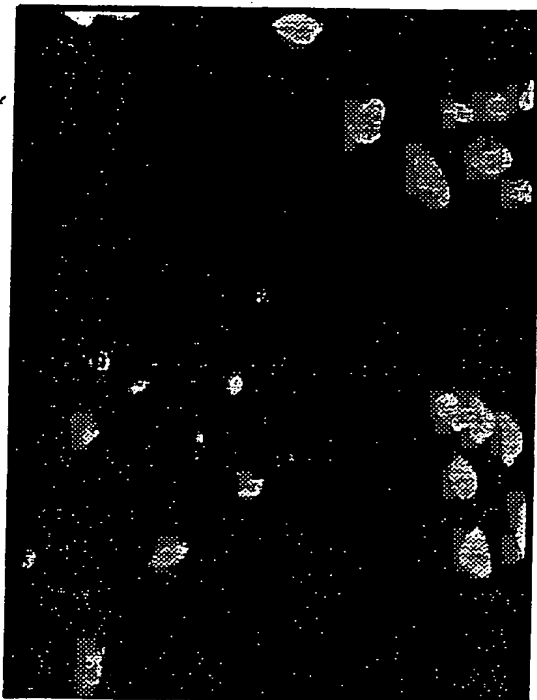


FIG. 7(b)

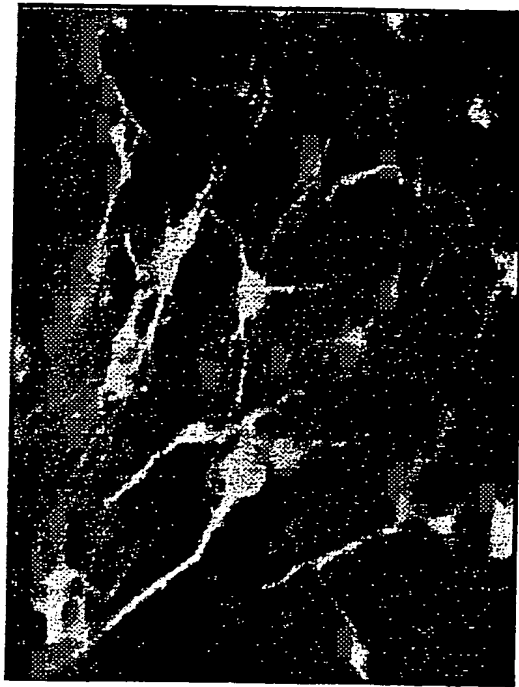
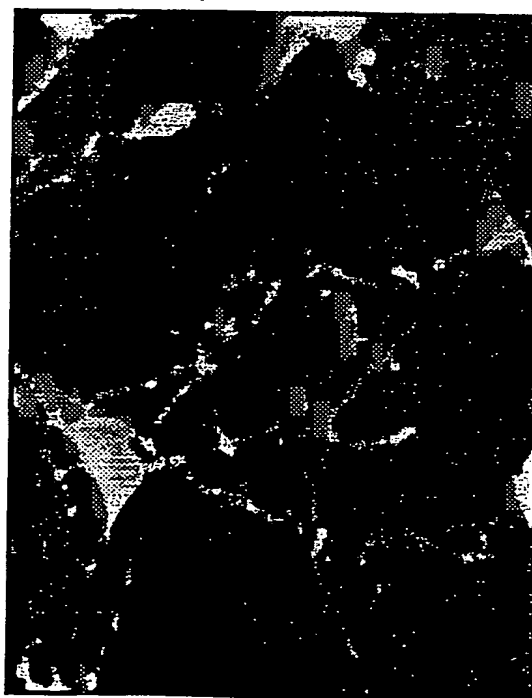


FIG. 7(c)



FIG. 7(d)

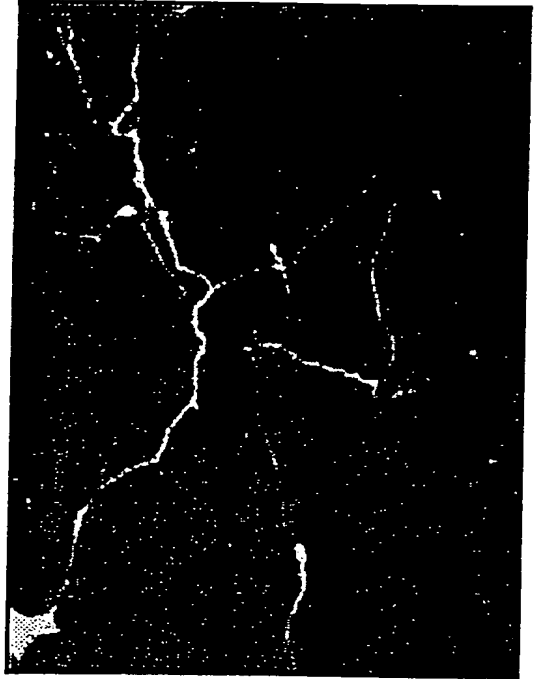


11/14

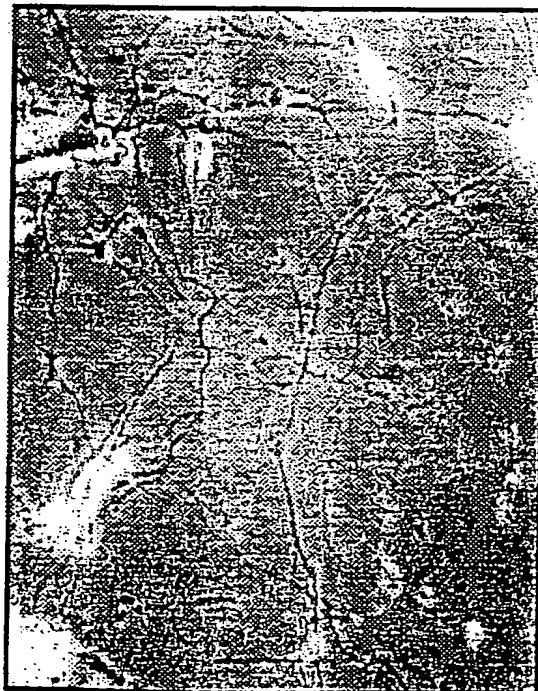
**FIG. 7(e)**



**FIG. 7(f)**



**FIG. 7(g)**

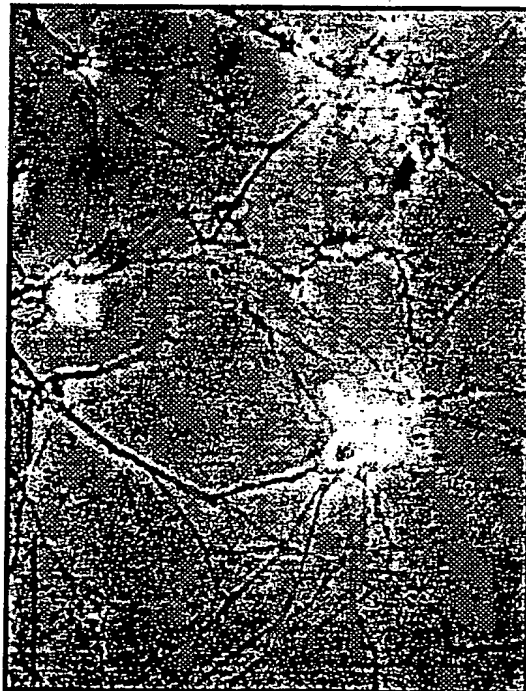


12/14

**FIG. 7(h)**

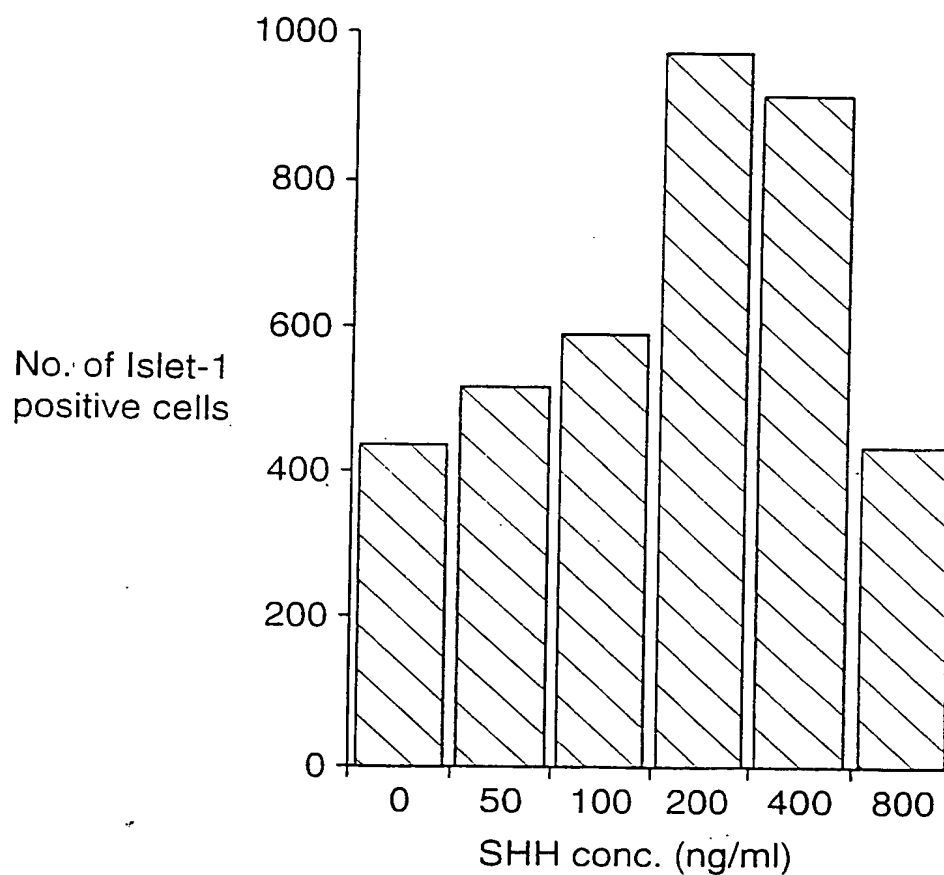


**FIG. 7(i)**



13/14

**FIG. 8** INDUCTIVE EFFECT OF SONIC HEDGEHOG  
ON ES-DERIVED NEURAL PRECURSORS



14/14

**FIG. 9**

